

Figure 1

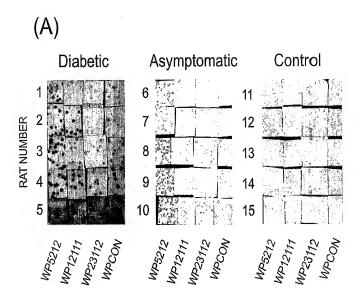


Figure 2A

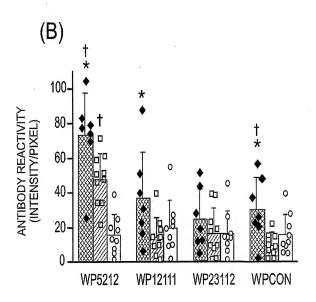


Figure 2B

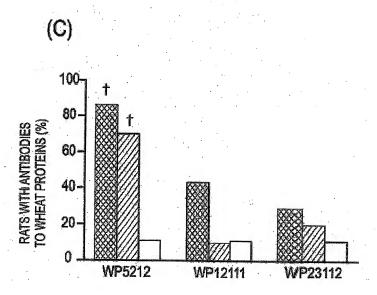


Figure 2C

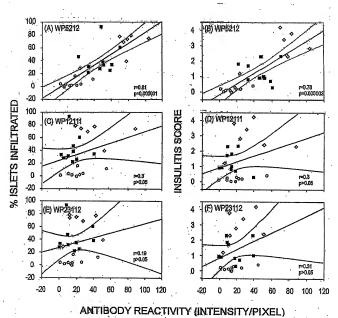


Figure 3

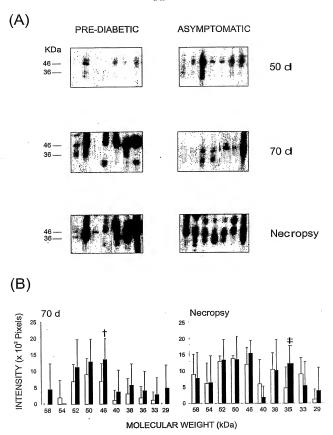


Figure 4

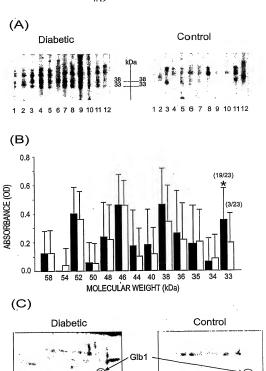
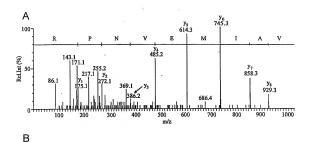


Figure 5

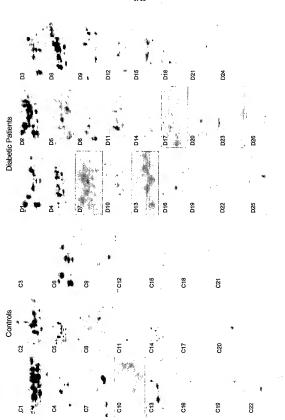


PANEL B Theoretical and observed tryptic peptides of WSG and WP5212

Theoretical fragmentation * of WP5212 fragmentation (Acc. No. AAA34289) RPYVFGPR VAIMEVNPR ADDODEGYAGPEQGSR FORLSVKPILASLSK GSESSESEEEEGOR LGSPAGELTFGRPAR STHALANGOVR GGHSLGOVGR AUADITECTION GHSLGOVGR AUADITECTION AUADITECTION GSAFAVPPGFPVELASSR GGHSLGOVGR AUADITECTION GSAFAVPPGFPVELASSR GGSAFAVPPGFPVELASSR GGHSLGOVGR AUADITECTION GSAFAVPPGFPVELASSR GGSAFAVPPGFPVELASSR GGSAFAVPRGFPVELASSR GGSAFAVPRGFPV			
VAIMEVNPR ADDODEGR/AGPEQOSR FOFLS/VKPLLASLSK SESSESEEEECOR LGSPAGELTFGRPAR DTFNILEGRPK SFHALANQDVR GGHSLQCVOR ALRPFDQVSR HIGGEEGGR LIGSPAGPTR BIOSDHGPVR HIGGEEGGGR BIOSDHGPVR HIGGEEGGGR GDEAVETFLR EQGEAGGER LITTISVPGK EEEEDDOR DDQQQHGR DDQQQHGR BIOAGGR ALRPFDEVSR LLTTISVPGK EEEEDDOR DDQQQHGR DDQQQHGR BIOAGGR BIOAGGR ALRPFDEVSR LLTTISVPGK GSSSSEEEDDQR DDQQQHGR BIOAGGR BIOA	fragmentation a of Glb1	Theoretical fragmentation ^a of WP5212	
LGSLLGSR	VAIMEVNPR AQDODEGFVAGFEQQSR FOFLSVKPLLASLSK CSESSESEEEEGOR LGSPAGELTFGRPAR DTFNLLEGRPK SFHALANQDVR GGHSLQGCVOR ALRPFDQVSR IIQSDHGFVR HEQEEEGGR GDEAVETIFLR EQEGGER LIHTISVPGK EEEEDDOR EAAEGGQGHR	VAIMEWNPR ATPULFILGTSLLFAAAVSASHDEEEDR AFVPOLTDADGVGYVAQGEGVLTVIENGEK VAVANITEGSMITAPVLINTGSK QGDVIVAPAGSIMHLANTDGR LAVVLEGEGEVEVCPHLGR GSAFVVPPGHPVVELASSR DQDDEGFVAGPEQGEHER QASEGDQGHHWPLPFR GSSNLQVVCFEINAER LDDPAGELAFGRPAR FQYFSAKPLIASLSK GSGSSEEEEQDQQR DTFNILEGRPK SFHALAQHDVR GDEAVEAFLR ALRPFDEVSR LHTISVPGK GOSSTMATR SEEEEDDR DDQQGHGR HEQEEQGR DEGGRE LGGLGSR LG	

Theoretical fragmentation was calculated using the PeptideCutterprogram (Swiss Prot (2002) website address: http://us.expasy.org/tools/peptidecutter, Swiss Institute of Bioinformatics, Epalinges, Switzerland)





igure 7

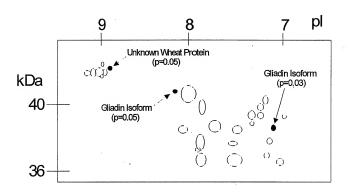
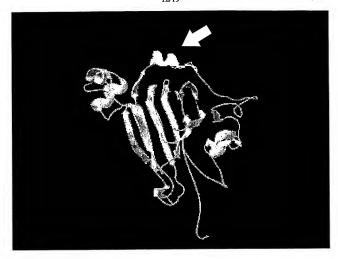


Figure 8



Figure 9



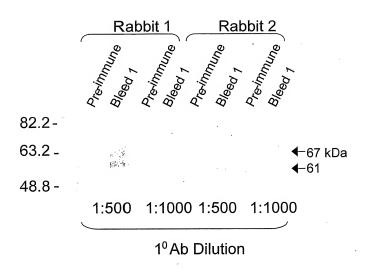


Figure 11

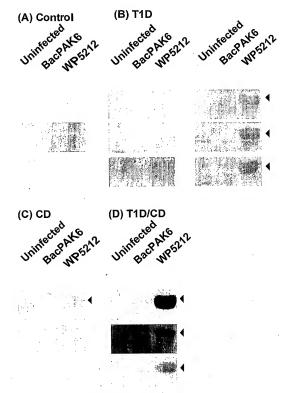


Figure 12A

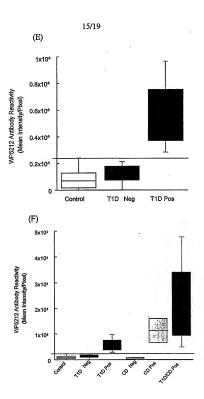
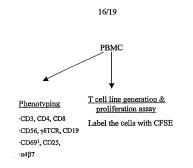
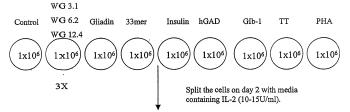


Figure 12B

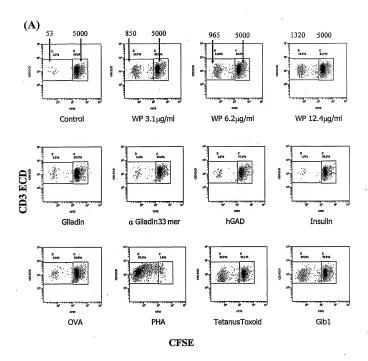




·Harvest the supernatant on day 8 for cytokine evaluation.

·Calculation of CDI in different population of T cells.

Figure 13



B CDI: $\frac{\text{Number of CD3+, CFSE}^{\text{dim}} \text{ cells with antigen}}{\text{Number of CD3+, CFSE}^{\text{dim}} \text{ cells without antigen}}$

Figure 14



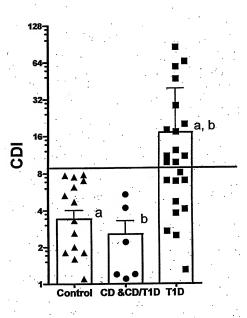


Figure 15

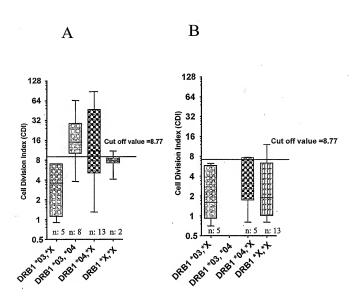


Figure 16